

Report of Accomplishments

Fiscal Year

2005

Power Soil Conservation District
Address 2769 Fairgrounds Road, Suite A
American Falls, Idaho 83211

Telephone Number 208-226-5603

Point of Contact Roger L. Whitnah

Counties Served Power County

Legislative District 27



Function of the Conservation District

To take available technical, financial, and educational resources, whatever their source, and focus or coordinate them so that they meet the needs of the local land user for conservation of soil, water and related resources.

Natural Resource Improvements Summary

Extracted from All Plans, All Land Uses, All Resource Concerns

	<u>Planned</u>	<u>Applied</u>
Conservation Cover (ac)	2,037	150
Conservation Crop Rotation (ac)	8,328	4,645
Contour Farming (ac)	4,205	1,039
Deep Tillage (ac)	1,946	320
Fencing (ft)	25,900	5,979
Forage Harvest Mgt. (ac)	897	293
Irrigation Regulating Reservoir (no)	1	1
Irrigation Sprinkler System (no)		2
Irrigation Water Conveyance (ft)	25,050	8,955
Irrigation Water Mgt. (ac)	644	585
Nutrient Mgt. (ac)	7,907	3,252
Pasture & Hay Planting (ac)	150	165
Pest Management (ac)	9,124	2,923
Pipeline (ft)	49,350	14,792
Prescribed Grazing (ac)	7,292	3,990
Pumping Plant (no)		2
Range Planting (ac)	305	106
Residue Mgt.-Mulch Till (ac)	3,907	2,986
Residue Mgt.-No-Till (ac)	1,641	1,208
Spring Development (no)	5	
Stripcropping (ac)	1,196	1,781
Structure for Water Control (no)	14	2
Surface Roughening (ac)	674	250
Terraces (ft)	8,248	
Upland Wildlife Habitat Mgt. (ac)	8,618	969
Use Exclusion (ac)	1,324	
Water & Sediment Control Basin (no)	16	10
Water Well (no)		1
Watering Facility (no)	16	13
TOTAL SOIL EROSION REDUCED (Tons)		16,851

Conservation District Priority # 1 – Water Quality

- ❖ 2037 acres of Conservation Cover were planned on HEL with 150 acres installed. These acres are typically steep and near streams, reducing sediments reaching streams.
- ❖ 4205 acres of Contour Farming were planned with 1039 acres applied protecting streams in the dry cropland areas.
- ❖ 644 acres of Irrigation Water Management were planned and 585 acres applied reducing runoff to streams and the American Falls Reservoir.
- ❖ 7907 acres of Nutrient Management were planned with 3252 acres applied with direct impact on streams in the TMDL implementation areas of Rock Creek and Bannock Creek.

Conservation District Priority #2 – District Operations

- ❖ We continue to conduct SCD business according to Idaho Soil Conservation District Law.
- ❖ We continue to promote and increase public awareness of soil and water conservation needs and opportunities.
- ❖ We attend local, state and national conferences and meetings.
- ❖ We appreciate our working relationships with all agency partners.
- ❖ We continue to support our organizations by paying annual dues at the local, state and national levels.
- ❖ A financial report is prepared monthly and the district's books are audited annually.
- ❖ We continue to provide current information on resource problems and solutions to the general public.

Conservation District Priority # 3- Irrigated Cropland

- ❖ 8328 acres of Conservation Crop Rotation were planned with 4645 acres applied. This crop sequence contains high and low residue crops to reduce soil erosion by wind and water.
- ❖ 25,050 feet of Irrigation mainline were planned with 8955 feet applied. Many of these lines are worn out, leaking steel lines long since past their useful life.
- ❖ Two Center Pivot Irrigation Systems were applied improving irrigation efficiency on 260 acres.

Information & Education/ Public Outreach

- ❖ Quarterly newsletters are published, reaching 700 cooperators.
- ❖ Local newspaper articles are published when the need arises, usually on a quarterly basis.
- ❖ We held our annual conservation field tour on May 25th, introducing 5 5th grade classes to SWAPA concepts.
- ❖ We were responsible for the placing of 5 cloud seeding generators. Two were placed in Arbon Valley, two in Rockland Valley and one in Cassia County. Daily logs will be available soon.
- ❖ We had a successful annual tree and shrub sales program.

Community Collaboration & Coordination

- ❖ We cooperated with NRCS and DEQ in the Lake Walcott and American Falls Reservoir TMDL implementation watersheds.
- ❖ We coordinated 2 Wag meetings in Rockland, with over 30 local farmers and agencies participating.
- ❖ We coordinated and facilitated 2 Local Working Group meetings with our local COC.
- ❖ We initiated and coordinated a joint SCD/Power County Weed Control/local farmer meeting regarding a biological weed control project along Cold Creek.
- ❖ We coordinated a cloud seeding venture with our county commissioners.
- ❖ Provided technical assistance to the Idaho Fish & Game in wildlife habitat plantings.
- ❖ Provided technical assistance to the Plant Materials Center assisting with the planting of 500 willows and poplars along Bannock Creek.
- ❖ Coordinated and facilitated joint meeting with Three Rivers RC&D and a local farmer regarding mustard seed program.
- ❖ Coordinated with NRCS and Shoshone-Bannock Indian Tribe with a WHIP project on the Fort Hall Indian Reservation.
- ❖ Worked with American Falls Planning and Zoning board, Falls Irrigation District, Aberdeen-Springfield Canal Company and the American Falls-Aberdeen Groundwater District on various projects and concerns.

Synopsis of Assistance Coordinated for Constituents with Conservation

Partners - to plan, design and implement best management practices to protect, enhance, and conserve Idaho's renewable natural resources.

Source	Purpose/Benefit	Amount Funded
Power County	District Operations	\$ 4,000.00
State of Idaho	District Operations	\$ 11,215.00
USDA Farm Programs	EQIP	\$ 333,245.00
Power County	Cloud Seeding Project	\$ 1,000.00